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JPRS 40093

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*FTD-TT-65-2012

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FTT-TT-65-1100

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*JPRS/DC-6663

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Pol - MIL

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13 PP.

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Pham Ngoc Thach, 8 pp.
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Jan 1964, pp 2-6.
JPRS 2455x0

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[1963] 13p 12refs
Order from SLA \$1.60

TT-64-14620

Trans. of Yakkyoku (Japan) 1960, v. 11, p. 1229-1232.

DESCRIPTORS: *Condiments, Fishes, Production,
Nucleotides, Ribonucleic acids.

(Food, TT, v. 11, no. 9)

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1. Title: Flavoring
substances
1. Kumataka, A.

Office of Technical Services

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Sci - Chem

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ENTERIC COATING. 2. INTERNAL PLASTICIZED
STYRENE-MALEIC ANHYDRIDE COPOLYMERS.
Studies on Protective Coating, Rept. 14. 21 Jan 63,
5p. 3 refs.
Order from SLA \$1.10 63-10677

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Feb, p. 39-43.

DESCRIPTORS: *Coatings, *Styrene plastics,
*Maleic anhydride, Polymers, *Plasticizers,
Solubility, *Viscosity.

It was shown that internal plasticized copolymers ex-
hibit more suitable properties than any other enteric
coating agents being used. Since they did not affect
the solubility and disintegration qualities in digestive
juice but added advantage of lowering viscosity
(Biological Sciences--Pharmacology, TT, v. 10, no. 5)
(over)

I. Ida, T.
II. Takahashi, S.
III. Title: Internal . . .
IV. Title: Studies . . .

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The Thermal Analysis of Methenamine
Mandelate, by H. Nogami.
JAPANESE, per, Yakuzai-gaku, Vol 20,
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NTC 72-11361-060

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A. Ogata

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pp 653-658.
NTC 72-13520-06A

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SLA 58-161

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62-18805

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REDUCTION OF ALDEHYDE OR KETONE-NITROUS
ACID MIXTURES. I. A NEW METHOD TO PREPARE
ACETOXIME AND HYDROXYLAMINE HYDROCHLO-
RIDE. [1962] 9p.

Order from SLA \$1.10

62-18805

Trans. of Yakugaku Zasshi (Japan) 1930, v. 50,
p. 555-559.

DESCRIPTORS: *Oximes, Acetones, *Amines, *Hy-
drides, Chlorides, Preparation, Nitrogen compound,
Acids, *Aldehydes, *Ketones

I. Ogata, A.
II. Hirano, S.
III. Title: New...

(Chemistry--Organic, TT, v. 9, no. 10)

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Aoyama, Sunjiro and Morita, Ikkan.
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Order from SLA \$1.60 63-14153

Trans. of Yakugaku Zasshi (Japan) 1933, v. 53,
p. 622-634.

DESCRIPTORS: *Alkoxy radicals, *Nitrobenzenes,
*Nitro radicals, *Chlorides, *Benzenes, Preparation,
*Potassium compounds, *Hydroxides, Pressure,
Chemical reactions, Statistical data.

(Chemistry--Organic, TT, v. 10, no. 4)

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I. Aoyama, S.
II. Morita, I.

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Aoyama, Shinjiro and Nanai, Kohzo.
SYNTHESIS OF NITROPHENOLS FROM NITRO-
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Order from SLA \$1.10

61-10986

Trans. of Yakugaku Zasshi (Japan) 1935, v. 55,
p. 145-148.

DESCRIPTORS: *Nitrophenols, Synthesis, Nitro-
benzenes, Chlorides, Chemical reactions, Sodium
compounds, Hydroxides.

(Unannounced)

61-10986

I. Aoyama, S.
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HEC TW/1856 CIA/FDD/U-5709

FE - Japan

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Sci - Medicine, phenolphthalein pharmacology

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34 pp.

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No 3, Mar 1928, pp 223-237.

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16 pp. (a) Study of Sekisanoline (Pt /I)

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NIH 33

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Study on Lycoris Alkaloids, Report No 7,
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NIH Tr 104

Sci - Chemistry

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Order from SLA \$11.60

TT-61-16559

Trans. of [Yakugaku Zasshi] (Japan) 1937, v. 57,
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- II. Ueno, Y.
- III. Ohta, Z.
- IV. Title Study ...

(Biological Sciences--Pharmacology, TT, v. 1, no. 7)

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On Isoamyl Amides of Unsaturated Acids, by S. Kanao,
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SLA 3159

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S. Kimoto, H. Inoue, 9 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of the
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Mar 1939, pp 185-195.

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Scientific - Chemistry

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Report No 1, Synthesis of Formyl Phenacetyl
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NLL Ref: 3544 1965 (T 88 J)

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ON THE METHOD FOR MANUFACTURING DIETHY-
LENEGLYCOL AND TRIETHYLENEGLYCO. Rept. 1
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[1962] [24]p. (foreign text included) 7 refs.
Order from SLA \$2.60

62-18191

Trans. of Yakugaku Zasshi (Japan) 1943, v. 63, no. 6,
p. 282-289.

DESCRIPTORS: Polymers, *Ethylenes, *Glycols,
Manufacturing methods, *Industrial production.

(Chemistry--Organic, TT, v. 9, no. 4)

62-18191

1. Title: Wurt's reaction
- I. Ishiguro, T.
- II. Kato, S.
- III. Akasawa, Y.
- IV. Title: Study ...

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ON THE METHOD FOR MANUFACTURING TRIETH-
YLENEGLYCOL. Rept. 3 of Study on Polyethylenegly-
cols and the Derivatives. [1962] [16]p. (foreign text
included) 2 refs.

Order from SLA \$1.60

62-18192

Trans. of Yakugaku Zasshi (Japan) 1944, v. 64, no. 5,
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DESCRIPTORS: Polymers, *Ethylenes, *Glycols,
Manufacturing methods, *Industrial production.

(See also 62-18191)

(Chemistry--Organic, TT, v. 9, no. 4)

62-18192

- I. Title: Wurt's reaction
- I. Ishiguro, T.
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- IV. Title: Study...

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Study of Lycoris Alkaloids Report No 18
Structure of Lycorenine (Part 4)¹, by
Heisaburo Kondo, Takato Ikeda, 7 pp.

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No 9/10, Nov 1945, pp 5, 6.

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Sci - Chemistry
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Classification of Tertiary Amine-N-oxides, by
Eiji Ochiai, 30 pp.

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RECHERCHES SUR LA SYNTHÈSE DES ANTHELMIN-
THIQUES. 5^{eme} Rapport. (Synthetic Studies of
Anthelmintics V). 7p.
Order from OTS, ETC or CNRS \$0.80 62-26907

Trans. in French of Yakugaku Zasshi (Japan) 1949
[v. 69] p. 151-154.

DESCRIPTORS: *Drugs, *Resorcinol, *Worms,
Cyclohexanes, Chlorine compounds, Synthesis
(Chemistry).

(Biological Sciences--Pharmacology, TT, v. 10, no. 7)

- I. Title: Anthelmintics
- I. Tomita, M.
- II. Myco, S.
- III. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Takahashi, T. and Yamamoto, Y.
DERIVATIVES OF 2-CHLORO-3, 5-DINITROPYRI-
DINE. Pt. 44 of the Syntheses of Heterocyclic com-
pounds of Nitrogen. [1961] 4p.
Order from ATS \$7.50

ATS-34N56J

Trans. of Yakugaku Zasshi (Japan) 1949, v. 69,
no. 6/10, p. 159-161.

DESCRIPTORS: *Nitrogen compounds, *Heterocyclic
compounds, Synthesis, *Chlorides, *Pyridine deriv-
atives, Nitro radicals.

(Chemistry--Organic, Tf, v. 7, no. 6)

62-12213

- I. Takahashi, T.
- II. Yamamoto, Y.
- III. Title: Syntheses ...
- IV. ATS-34N56J
- V. Associated Technical
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Orange, N. J.

Office of Technical Services

Studies on Obakulactone No 5, Evodin, by Atsushi
Fujita, Masami Akatsuka, 10 pp.

JAPANESE, per, 2 Yakugaku Zasshi, Vol LXIX, No 6/10
Jun/Oct 1949, pp 322-325.

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FE - Japan

Scientific - Medicine

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Syntheses of Hypnotics. III. Syntheses of
5,5-Dialkyl-2-Thiohydouracils, by K. Tanaka,
T. Kajiwara, H. Taketosi, 5 pp.

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paration of Pure Glucose from Starch,
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1950, pp 506-510.
NTC 69-10855-07A

Sci-Chem
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1950, pp 513-519.
NTC 69-10856-07A

Sci-Chem
May 69

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Volumetric Determination of Organic Sulfur,
R. Hayazu, 3 pp.

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Kato, Sadatake.

ON THE CATALYTIC ACTION OF AMINES IN THE
PREPARATION OF POLYETHYLENEGLYCOLS.I. CATALYTIC ACTION OF AMINES IN THE GLY-
COL-ETHYLENE OXIDE AND DIETHYLENEGLYCOL-
ETHYLENE OXIDE SYSTEMS. Rept. 5 of Study on
Polyethyleneglycols [and the Derivatives]. [1962] [13]p.
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Order from SLA \$1.60

62-18193

Trans. of Yakugaku Zasshi (Japan) 1951, v. 71, no. 1,
p. 20-23.DESCRIPTORS: *Catalysts, *Amines, Polymers, *Ethyl-
enes, *Glycol, *Oxides, Manufacturing methods, *In-
dustrial production.

(See also 62-18192)

(Chemistry--Organic, TT, v. 9, no. 4)

I. Kato, S.
II. Title: Catalytic ...
III. Title: Study ...

Office of Technical Services

62-18194

Kato, Sadatake.

ON THE CATALYTIC ACTION OF AMINES IN THE
PREPARATION OF POLYETHYLENEGLYCOLS.II. CATALYTIC ACTIONS OF AMINES IN THE GLY-
COL-ETHYLENE OXIDE SYSTEM AND THE DI-
ETHYLENEGLYCOL-ETHYLENE OXIDE SYSTEM.Rept. 6 of Study on Polyethyleneglycols [and the Deriva-
tives]. [1962] [10]p. (foreign text included) 6 refs.

Order from SLA \$1.10

62-18194

Trans. of Yakugaku Zasshi (Japan) 1951, v. 71, no. 1,
p. 24-27.DESCRIPTORS: *Catalysts, *Amines, Polymers,
*Ethylenes, *Glycols, *Oxides, Manufacturing methods,
*Industrial production.

(See also 62-18193)

(Chemistry--Organic, TT, v. 9, no. 4)

- I. Kato, S.
- II. Title: Catalytic ...
- III. Title: Study ...

Office of Technical Services

Okasaki, Kato and Matsui.
RELATION ENTRE L'ACTIVITÉ BACTÉRICIDE ET
L'ACTIVITÉ INSECTICIDE (Relation between the
Bactericidal and the Insecticidal Activity). 10p. 1 ref.
FX-1249 (text in French).
Order from OTS or ETC \$1.55

62-26309

Trans. in French of [Yakugaku Zasshi] (Japan).
Journal, 1951, v. 71, p. 495-499.

DESCRIPTORS: *Insecticides, *Bactericides,
Salicylic acids, Phenoxo radicals, Acetic acids.

(Chemistry, TT, v. 9, no. 8)

62-26309

- I. Okasaki
- II. Kato
- III. Matsui
- IV. FX-1249
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(France)

Office of Technical Services

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Synthesis of 5-Arylmercapto-and 5-Arylsulfone-
Thiazole Derivatives I., ~~22pp~~ by M. Izumi, H. Kimoto
I. Aiko, M. Yokoo, 10 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXI, 1951,
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Sci - Chem

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IAC INTERNAL USE ONLY

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JAPANESE, per, Yakugaku Zasshi, Vol LXXI,
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NLL Ref: 3544 1963 (81) (loan)

NRC C-4652.

DBB C-4652 7.81 J

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1951, pp 765, 766.

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Sci - Chem

Jan 60

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Research on Arsenical Drugs, Rpt I, Studies on the
Catalytic Action of Zinc in Bechamp's Synthetic
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Takeo Ueda, Takuo Kosuge, 7 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of the
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Ishiwata, S. and Nogaki, T.
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VI. SYNTHÈSE DES DÉRIVÉS ALKYLÉS POSSÉDANT
UN NOYAU DE PYRIDINE, III. (Syntheses of Isoqui-
noline Derivatives, VI. Syntheses of Alkyl Derivatives
of the Pyridine Nucleus, III.), 10p, 4refs, CNRS-XXI
322.

Order from CTS, ETC or CNRS 51,10 TT-62-28912

Trans. in French of Yakugaku Zasshi (Japan) 1951,
v. 71, p. 1261-1263.

DESCRIPTORS: *Quinoline alkaloids, Chemical reac-
tions, Pyridines, Synthesis (Chemistry)

(Biological Sciences--Pharmacology, TT, v. 11, no. 9)

TT-62-28912

I. Ishiwata, S.
II. Nogaki, T.
III. CNRS-XXI 322
IV. Centre National de la Recher-
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Office of Technical Services
European Translations Centre

Studies of the Electrolytic Preparations
of Sugars. Part VIII. Method of Electro-
lysis and the Potential of Diaphragm, by
J. Mizuguchi, M. Y. Shimizu.
JAPANESE, per, Yakugaku Zasshi, Vol 71,
1951, pp 1284-1287.
NTC 69-10838-07A

Sci-Chem
May 69

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Ota, B. and Kawasaki, H.
CHEMOTHERAPEUTICS. XXIV. SYNTHESIS OF SUL-
FAMINOPYRIMIDINE DERIVATIVES (7). Chemo-
therapeutical Studies no. 24. [1961] 10p. (1 table for-
mulae omitted) 10 refs.
Order from SLA ml\$1.80, ph\$1.80

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Trans. of [Yakugaku Zasshi] (Japan) 1951, v. 71,
p. 1309-1313.

1. Pyrimidines--Synthesis
I. Ota, B.
II. Kawasaki, H.
III. Title: Synthesis...
IV. Title: Chemotherapeutical...

148562

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(Biological Sciences--Pharmacology. TT, v. 5, no. 12)

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No 3, 1952, pp 376, 377. CA 47, 3856e.

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Arsenical Chemotherapeutic Drugs. Report No 5.,
A Semi-micro Method of Determining Arsenic
Contents of Organic Arsenicals, by
Kiyoshi Takahashi, 10 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXII,
No 4, Apr 1952, pp 526-528.

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Scientific - Chemistry Dec 1954 CTS

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Arsenical Chemotherapeutic Drugs. Report No 6,
Syntheses of Diarylarsinic Acids by Bart's Method,
by Kiyoshi Takahashi, 17 pp.

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No 4, April 1952, pp 529-532.

CTA 62-16216

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Paper Chromatography of Cardiotonic Glycosides
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A. Yamaoka, K. Komstani, 7 pp.

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Paper Chromatography of Acetyl Derivatives of
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No 7, Jul 1952, pp 933-936.

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CTS 70/Jul 55

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Tetrabromophenolphthalein Ethyl Ester, by Ishidate, M.
Okano, S., and Kuwada, Y., 5 p.

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pp 982-985.

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Synthesis of 1- and 2-Hydroxyphenazine, by
I. Yoshioka, 14 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of
the Pharmaceutical Society of Japan),
Vol LXXII, No 9, Sep 1952, pp 1128-1131.

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CTS 70/Jul 55

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thioarsinates, Report #9., by Kiyoshi Takahashi,
11 pp.

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Sep 1952, pp 1148-1152.

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Studies on Phthalazines, Report No 2. Wohl-ene
Reactions of m-Nitroanisole and m-Anisidine,
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Studies on Synthetic Analgesics, by N. Sugimoto,
S. Saito, 12 pp.

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Jul 1953, pp 757-760.

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CTS 65/Feb 1955

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Spectrophotometric Studies of Organic Substances.
Report No 6 - Near-Ultraviolet Absorption Spectra
and Ionization Constants of 4-Aminopyridine,
4-Aminoquinoline and Their N-Oxide Derivatives,
by Hisao Hirayama, Tanekazu Kubota, 13 pp.

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Scientific - Chemistry

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Nov 53 CTS

62-16265

- I. Yasue, M.
- II. Title: Synthesis ...

Yasue, Masaru.
STUDIES ON THE SYNTHESIS OF QUINOLINE
DERIVATIVES. IV. SYNTHESIS OF 8-AMINOQUI-
NOLINES WITH THREE-CARBON-ATOM SIDE-
CHAINS. [1962] 10p. 11 refs.
Order from SLA \$1.10

62-16265

Trans. of Yakugaku Zasshi (Japan) 1953, v. 73,
p. 290-292.

DESCRIPTORS: *Quinolines, *Amines, *Alkoxy
radicals, Synthesis.

Diethylaminoisopropyl (I), 1,3-bis(diethylaminoiso-
propyl) (II), 3-diethylamino-2-hydroxypropyl (III),
and diethylaminopropyl (IV) groups were introduced
into the amino radical of 8-amino- and 6-methoxy-8-
aminoquinolines. The compounds were purified by
derivation to crystalline picrates. In the above case,
(Chemistry--Organic; TT, v. 8, no. 11) (over)

Office of Technical Services

YAKUJAKU ZASSHI

1953 775 4814

1953 775 4814

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62-26927

Yamagishi, M., and Yoshida, T.
ÉTUDE SUR LA RÉACTION DE LA NINHYDRINE. 1e
Rapport. MÉTHODE COLORIMÉTRIQUE QUANTITA-
TIVE POUR LES ACIDES α - Amines (Studies on Nin-
hydrin. Reaction I. Colorimetric Determination of α -
Amino Acids). 8p. 7 refs.
Order from OTS, ETC or CNRS \$0.80 62-26927

Trans. in French of Yakuraku Zasshi (Japan) 1953,
v. 73, no. 7, p. 675-676.

DESCRIPTORS: *Organic compounds, *Amino acids,
Pyridines, Colorimetric analysis, Chromatographic
analysis.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

1. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. Yoshida, T.
- III. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Antibacterial Properties of 2- and
2,3-Substituted 1,4 Naphthoquinones, by
M K. Miyaki.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIII,
No 9, 1953, pp 961-964.

NLL Ref: 3544 1963 (81) (loan)

W. 1-612

3/28/64

May 64

Dimorphism of 2,3-Dithiophenyl-
1,4-Naphthoquinone and Infrared Spectra of
Mercapto-1, 4-Naphthoquinone Derivatives,
by K. Miyaki.

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1953, pp 964-968.

NLL Ref: 3544 1963 (81) (loan)

NAC 0-4600

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Synthesis of Picryl Compounds, by Michiya Kimura,
6 pp.

Yakugaku Zasshi
JAPANESE, per, J. Pharm. Soc. Japan, Vol LXXIII,
1953, pp 1216-1218.

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Scientific - Chemistry

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Analysis of Inorganic Anions by paper Chromatography,
by Kazutake Yamaguchi, 13 pp. =

JAPANESE, per, Yakugaku Zasshi, Vol LXXXIII, No 12,
Dec 1953, pp 1285-1289. CIA TOP SECRET

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Yamagishi, M.
ÉTUDE SUR LA REACTION DE LA NINHYDRINE He
Rapport. PRODUITS INTERMEDIAIRES DANS LA
REACTION DE LA NINHYDRINE (Studies on Ninhydrin
Reaction. II. The intermediates in Ninhydrin Reaction).
10p. (foreign text included) 4 refs.
Order from OTS, ETC or CNRS \$0.80 62-26925

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 1, p. 27-29.

DESCRIPTORS: *Organic compounds, *Amino acids,
Chemical reaction.

(Biological Sciences--Pharmacology, TT, v. 10, no. 3)

- I. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. Centre National de La
Recherche Scientifique
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Office of Technical Services

Saponins of Japanese Dioscoreaceae. Report No 1.
Sapogenins From Dioscorea Nipponica Makino, D.
Gracillima Miq., D. Quinqueloba Thunb., and D.
Tenuipes Franch. et Sav., by T. Tsukamoto,
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No 1, Jan 1954, pp 72-75.

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Studies on Snake Venom, Paper Electrophoresis of
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pp 167-171.

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Nuclear Rejection of Phenol and Aniline by the
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Matsuzawa, Kosuke Kuroda, 6 p.

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YAKUBAKU ZASSHI

1954-1955-1956-1957

1958-1959-1960-1961

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70-21845 <1>

70-21914 <1>

ORDER FROM NTC

62-26926

Yamagishi, M.
ETUDE SUR LA REACTION DE LA NINHYDRINE, IIIe
Rapport. STRUCTURE DU PRODUIT INTERMEDIAIRE
DANS LA REACTION DE LA NINHYDRINE (Studies on
Ninhydrin Reaction. III: Structure of the Intermediate
in Ninhydrin Reaction). 11p. (foreign text included)
2 refs.

Order from OIS, EIC or CNRS \$0.80 62-26926

Trans. in French of Yakuzaku Zasshi (Japan) 1954,
v. 74, no. 6, p. 599-600.

DESCRIPTORS: *Organic compounds, *Amino acids,
*Pyrimidines, Molecular structure, Decomposition.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

- I. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Miyaki, Komei, Ikeda, Nisaburo, Mizuno, Daiji,
and Ito, Yoshimi.

ANTIBACTERIAL PROPERTIES OF 2- AND 2,3-
SUBSTITUTED 1,4-NAPHTHOQUINONES. I. ANTI-
BACTERIAL PROPERTIES OF 2-SUBSTITUTED
1,4-NAPHTHOQUINONES. II. ANTIBACTERIAL PROP-
ERTIES OF 2- AND 2,3-SUBSTITUTED 1,4-NAPHTHO-
QUINONES. III. DIMORPHISM OF 2,3-DITHIOPHENYL-
1,4-NAPHTHOQUINONE AND INFRARED SPECTRA OF
MERCAPTO-1,4-NAPHTHOQUINONE DERIVATIVES.
IV. ANTIBACTERIAL PROPERTIES AGAINST MYCO-
BACTERIUM TUBERCULOSIS VAR. HOMINIS

E. R. Hope, Jr. Sep 63, 21p 21 refs DSIS T 81 J.
Order from NRC

NRC C-4652

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p. 643-645; 1951, v. 73, no. 9, p. 961-968; 1954,
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TT-64-12539

- I. Miyaki, K.
- II. Ikeda, N.
- III. Mizuno, D.
- IV. Ito, Y.
- V. Title: Antibacterial...
- VI. Title: Antibacterial...
- VII. Title: Dimorphism...
- VIII. Title: Antibacterial...
- IX. DSIS-T-81-J
- X. NRC-C-4652
- XI. Directorate of Scientific
Information Services,
Ottawa (Canada)

Office of Technical Services